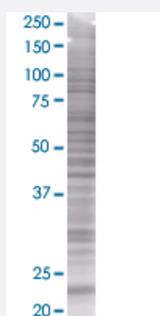


MRPS27 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023107-T01

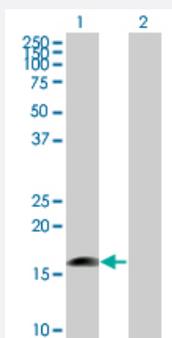
Size 100 uL

Applications



SDS-PAGE Gel

MRPS27 transfected lysate.



Western Blot

Lane 1: MRPS27 transfected lysate (19 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-MRPS27 full-length

Host Human

Theoretical MW (kDa) 18.59

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MRPS27 antibody ([H00023107-B01](#)) by Western Blots.

SDS-PAGE Gel

MRPS27 transfected lysate.

Western Blot

Lane 1: MRPS27 transfected lysate (19 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MRPS27

Entrez GeneID	23107
GeneBank Accession#	BC030521
Protein Accession#	AAH30521
Gene Name	MRPS27
Gene Alias	FLJ21764, FLJ23348, KIAA0264, MRP-S27, S27mt
Gene Description	mitochondrial ribosomal protein S27
Gene Ontology	Hyperlink
Gene Summary	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that may be a functional partner of the death associated protein 3 (DAP3). [provided by RefSeq]
Other Designations	mitochondrial 28S ribosomal protein S27